

magnetically attach to the attaching parts **191** and **193**. Here, the attaching parts **191** and **193** are preferably made of a magnetizable material to be attached to the magnet **190**.

[0040] The display part **110** utilizes a touch-screen technology, so that the display part **110** permit tablet operation with a stylus pen. The display part **110** comprises a liquid crystal display (LCD) panel **111** for displaying a picture based on the video signal received from the main body **101**, and the front and rear covers **112** and **113** connected to each other across the LCD panel **111** and supporting the LCD panel **111** at front and rear sides.

[0041] The front cover **112** is provided with a first attaching part **191** for attachment to the magnet **190** of the main body **101** at a closed position allowing the front cover **112** to be in contact with the upper surface of the main body **101**. Further, the rear cover **113** is provided with a second attaching part **193** to be attached to the magnet **190** of the main body **101** at a tablet position allowing the rear cover **113** to be in contact with the upper surface of the main body **101**.

[0042] The coupler **180** is aligned with a second hinge axis **197** (to be described later), and couples the pair of links **120** to each other. That is, the coupler **180** supports the pair of links **120** to be pivoted relative to the main body **101** at the same time when the display part **110** tilts relative to the main body **101**. Further, the coupler **180** is placed in a rear upper part of the main body **101**, so that the portable computer can have a slim structure. The coupler **180** is preferably shaped like a pipe having a circular section to be resistant to torsion. However, the coupler **180** may have a polygonal section such as a rectangular section.

[0043] As shown in FIGS. 12 through 14, the links **120** are parallel to each other and disposed at opposite sides of the display part **110**. Further, the links **120** tiltably connect the display part **110** to the main body **101**, so that the display part **110** can tilt among the closed position (refer to FIG. 8) that the front cover **112** is in contact with the upper surface of the main body **101**, an opened position (refer to FIGS. 9 and 10) that the display part **110** is opened relative to the main body, and the tablet position (refer to FIG. 11) that the rear cover **113** is in contact with the upper surface of the main body **101**. Here, each link **120** comprises an outer cover **130** forming an outer appearance, and an inner cover **140** coupled to the outer cover **130** to form a cable accommodating space.

[0044] The outer cover **130** has a first end **131** being bent outward, and a second end **132** being bent inward. Further, the outer cover **130** is provided with therein a plurality of bosses **133** to be fastened with coupling holes **146** of the inner cover **140** by first screws **134**.

[0045] The inner cover **140** has a first end **141** being bent outward corresponding to the first end **131** of the outer cover **130**, and a second end **142** being bent inward corresponding to the second end **132** of the outer cover **130**. Further, the first end **141** of the inner cover **140** is formed with a first hinge hole **144** to which a first shaft **151** of the first shaft member **150** is rotatably inserted. Further, the second end **142** of the inner cover **140** is formed with an extended part **143** having a second hinge hole **145** to which a second hinge shaft **171** of a second shaft member **170** is rotatably inserted. Further, the inner cover **140** is formed with the plurality of

coupling holes **146** corresponding to the plurality of bosses **133** of the outer cover **130** and fastened with the bosses **133** by the first screws **134**.

[0046] The display hinge is provided between the display part **110** and the link **120** and allows the display part **110** to tilt relative to the link **120**. Further, the display hinge comprises the first hinge hole **144** of the inner cover **40**, the first shaft member **150** having the first shaft **151** to be rotatably inserted in the first hinge hole **144**, and a first shaft supporting bracket **160** connected to the rear cover **113** and supporting the first shaft **151** rotatably inserted in the first hinge hole **144**.

[0047] The first shaft member **150** comprises a first shaft supporter **155** disposed between the first end **141** of the inner cover **140** and the first end **131** of the outer cover **130**, the first shaft **151** being rotatably connected to the first shaft supporter **155** and protruding toward the rear cover **113**, a first cable through hole **152** formed in the first shaft member **150** along a lengthwise direction of the first shaft **151** to allow the cable **107** to pass therethrough, and a pair of connection part **153** extended from opposite sides of the first shaft supporter **155** and connected to the first end **141** of the inner cover **140** and the first end **131** of the outer cover **130** by screws.

[0048] The first shaft **151** has a first end rotatably and frictionally connected to the first shaft supporter **155**, and a second end which is forcibly fitted in a first shaft hole **161** of the first shaft supporting bracket **160** connected to the display part **110** and rotates integrally with the first shaft supporting bracket **160**. That is, the first end of the first shaft **151** is rotatably and frictionally fitted to the first shaft supporter **155**, and therefore a force large enough to overcome a predetermined friction is needed to tilt the display part **110** relative to the link **120**. Preferably, such predetermined friction is large enough to prevent the display part **110** from tilting relative to the link **120** by the weight of the display part **110** and to allow a user to easily tilt the display part **110** relative to the link **120**. Thus, the display part **110** can tilt about a first hinge axis **196** (see FIG. 10) formed by the first shaft **151**.

[0049] The first shaft supporting bracket **160** comprises the first shaft hole **161** to which the second end of the first shaft **151** is forcibly and integrally fitted, and a pair of wings **162** protruding from opposite sides of the first shaft supporting bracket **160**. Each wing **162** is formed with a screw through hole **164** to be fastened to a fastening part **115** of the rear cover **113** by a second screw **165**.

[0050] The main hinge is provided between the link **120** and the main body **101** and allows the link **120** to pivot relative to the main body **101**. Further, the main hinge comprises the second hinge hole **145** formed in the extended part **143** of the inner cover **140**, and the second shaft member **170** provided between an end of the coupler **180** and the extended part **143** of the inner cover **140**.

[0051] The second shaft member **170** comprises the second shaft **171** forcibly fitted in the second hinge hole **145** of the inner cover **140** and rotating integrally with the inner cover **140**, a second shaft supporter **179** rotatably and frictionally supporting the second shaft **171**, and a second shaft coupling part **174** extended from the second shaft **171** toward the coupler **180** and integrally coupled to the coupler **180**.